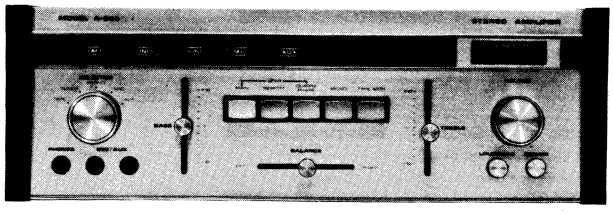
SUPERSCOPE®



STEREO AMPLIFIER

Model A-260 (e)

SERVICE DATA

— Aug. 1973 —

SUPERSCOPE INC.
8150 VINELAND AVENUE
SUN VALLEY, CALIFORNIA • 91352 • U.S.A.

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TECHNICAL SPECIFICATIONS

MAIN AMPLIFIER SECTION

Instantaneous Peak Music Power . . 66 w/8Ω 80 w/4Ω
EIA Total Music Power 48 w/8Ω 57 w/4Ω
Total Music Power (IHF) 40 w/8Ω 50 w/4Ω
Continuous Power (RMS) . . . . . 15+15 w/8Ω
16+16 w/4Ω
Harmonic Distortion
at 1kHz . . . . Less than 0.1% to 15 w/8Ω
Power Bandwidth (IHF) . . . . . 30–50,000 Hz
at 8Ω THD 1%
Frequency Response . . . . . 20–50,000 Hz (±1dB)
Signal to Noise Ratio 96dB
Input Sensitivity 0.6V

PRE AMPLIFIER SECTION

Output Voltage 0.6V
Frequency Response . . . . . 20–70,000 Hz (±1dB)
Harmonic Distortion . .Less than 0.1% THD (at 1kHz)
Bass Action . . . . . .±10dB at 100Hz
Treble Action . . . . . .±10dB at 10kHz
Loudness Control . . . . . .+8dB at 100Hz
+4dB at 10kHz
Signal to Noise Ratio . . . . . Aux 80dB Mag 66dB
Phono equivalent Noise . . . . . 2.0μ Volts
INPUT SENSITIVITY . . . . PHONO 2mV/47kΩ
MIC 2mV/47kΩ
TUNER 100mV/100kΩ
TAPE 100mV/100kΩ
AUX 100mV/100kΩ

OTHERS

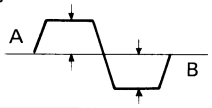
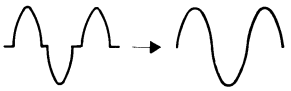
(27 sillicon transistors, 10 diodes)
Power Requirements . . . . . .AC 110, 120, 220, 240V
50/60 Hz
Power Consumption 85w
Dimensions . . . . . Width 14-19/32"
Height 4-13/16"
Depth 11-5/16"
Weight . . . . . .15.5 lbs.

*These specifications and exterior designs may be changed for improvement without notice.

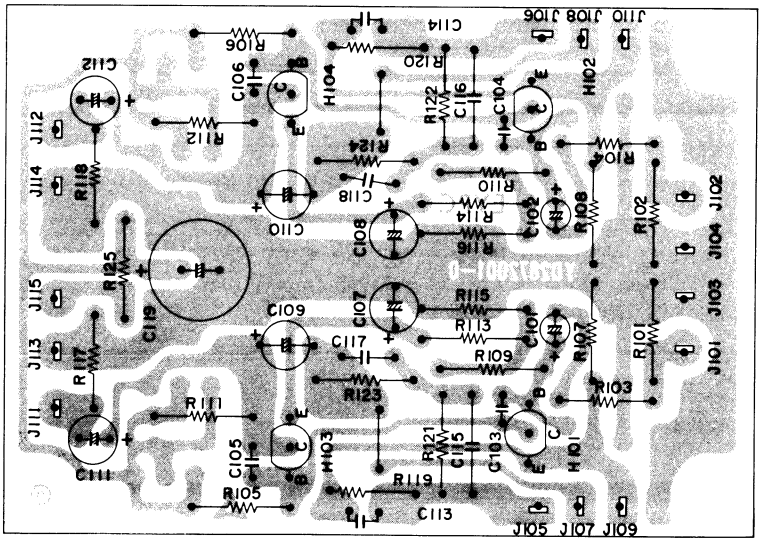
ALIGNMENT PROCEDURE

1. Set the volume control at maximum, bass, treble and balance controls at mechanical center position, speakers switch in the position "MAIN" while switching the tape monitor and loudness control switches off.
2. Connect 8 ohms dummy load resistors (20–30W, non-inductive preferably) to each R and L channel "MAIN" output terminals of the unit.

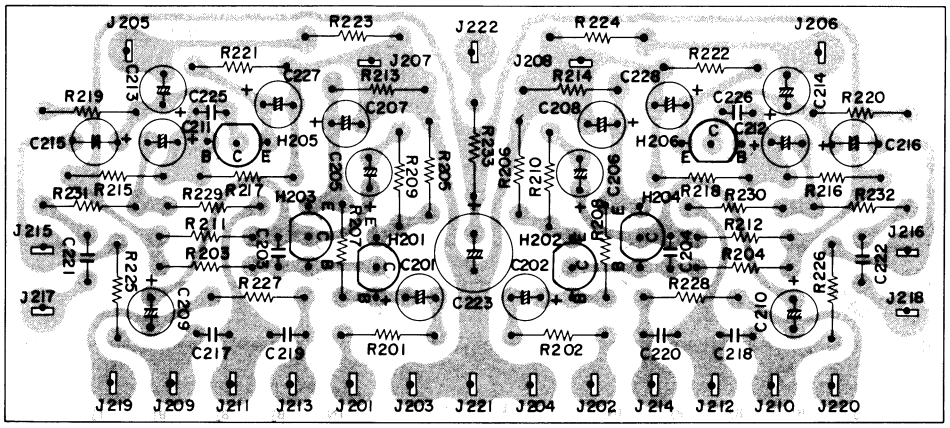
(Selector Switch in the position "AUX")

Step	Signal Source Connection	Signal Frequency	Indicator Connection	Adjustment
1	Audio Generator to AUX terminal	1,000 Hz	Oscilloscope to output terminals	Gradually increase output level of the audio generator and adjust. R417 and R418 for symmetrical clipping level.  A = B
2				Adjust R419 and R420 for not having any evidence of crossover distortion at 500mW output. Caution: Avoid excessive bias current (20mA ~ 30mA at no signal). 

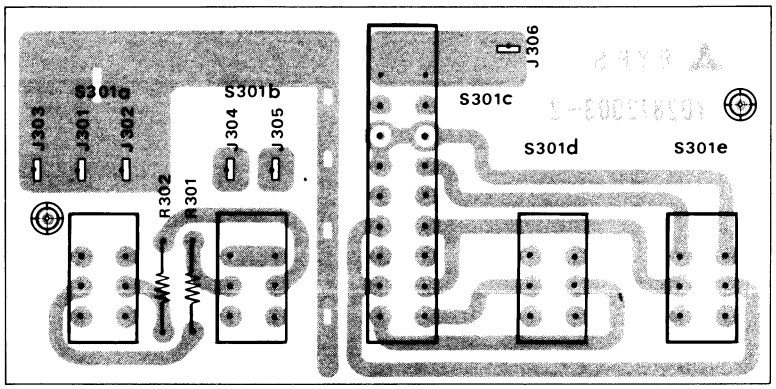
CIRCUIT BOARD DIAGRAM (TOP VIEW)



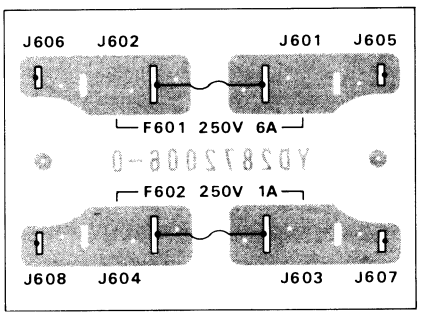
EQ Amp. Block P100



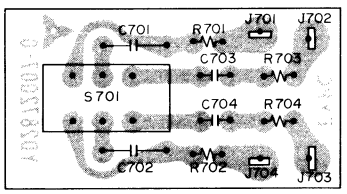
Tone Amp. Block P200



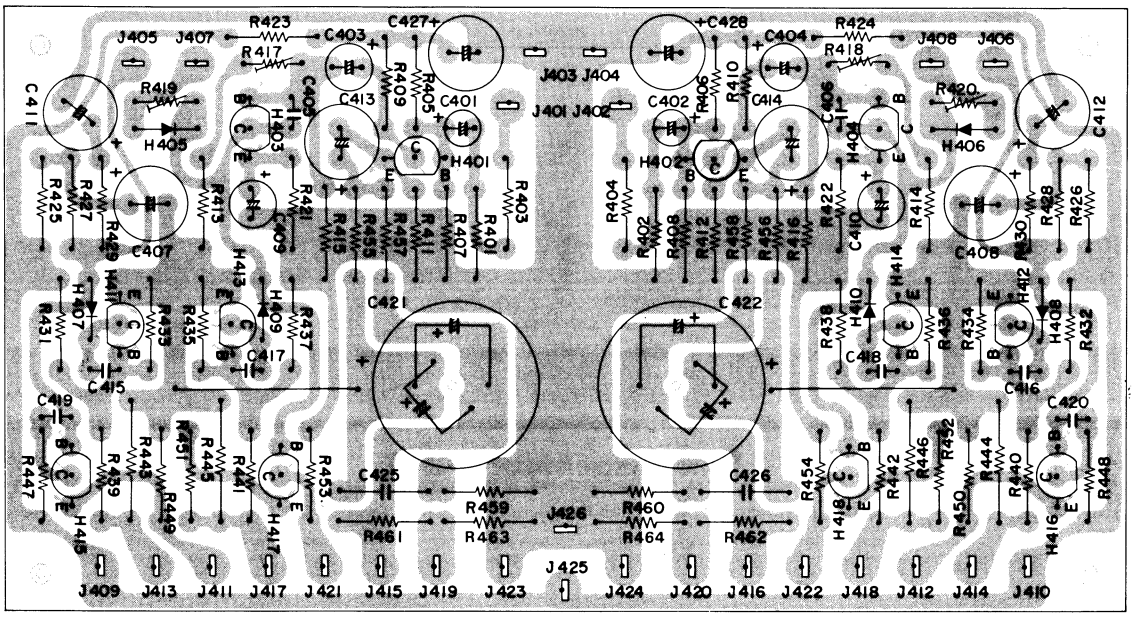
Main, Remote, Quadraphase, Stereo-Mono and Tape Monitor Switch Block P300



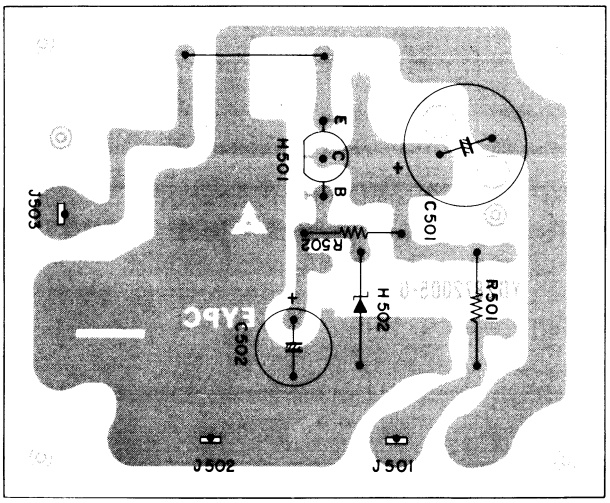
Fuse Block P600



Loudness Block P700

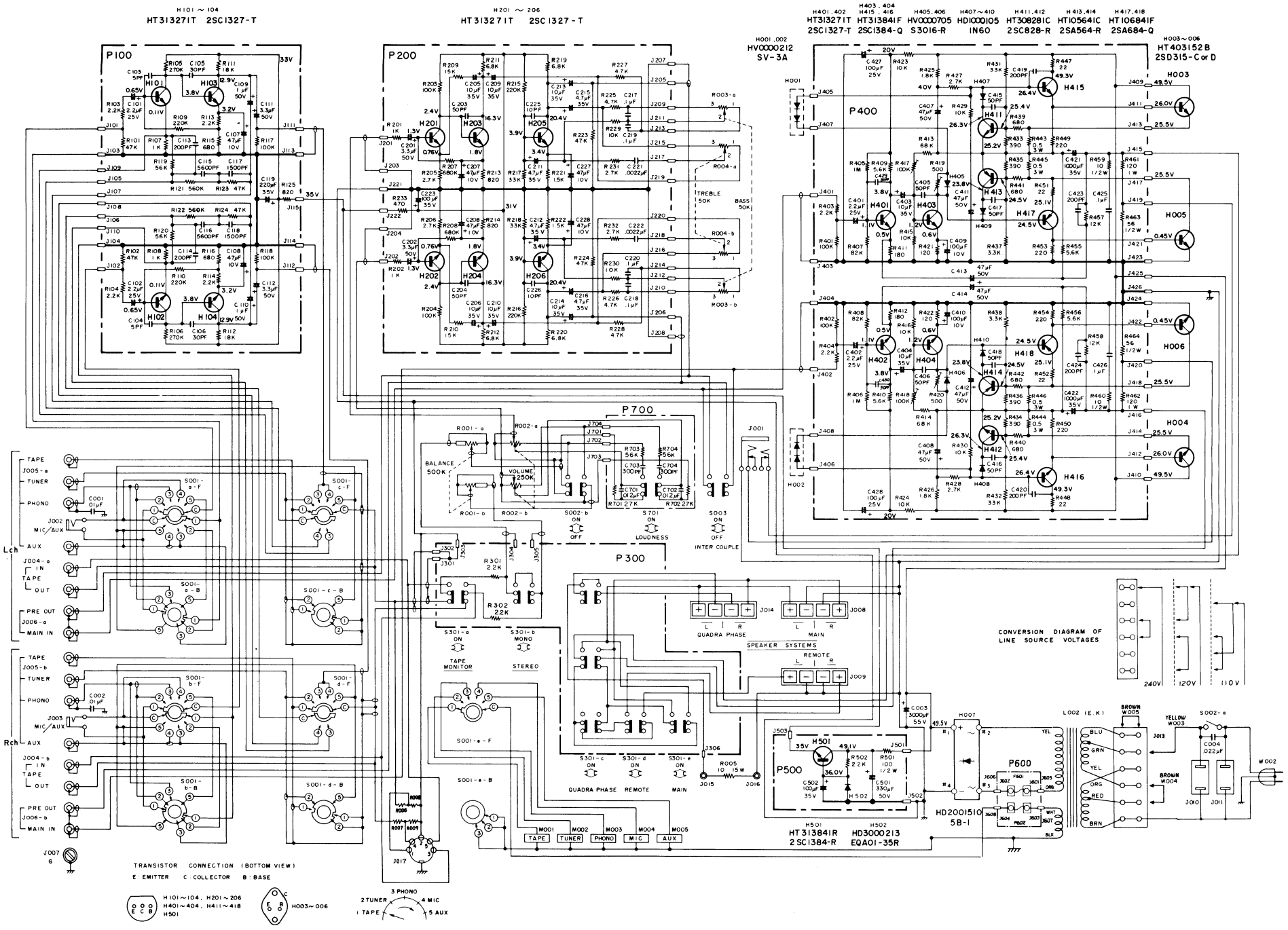


Main Amp. Block P400

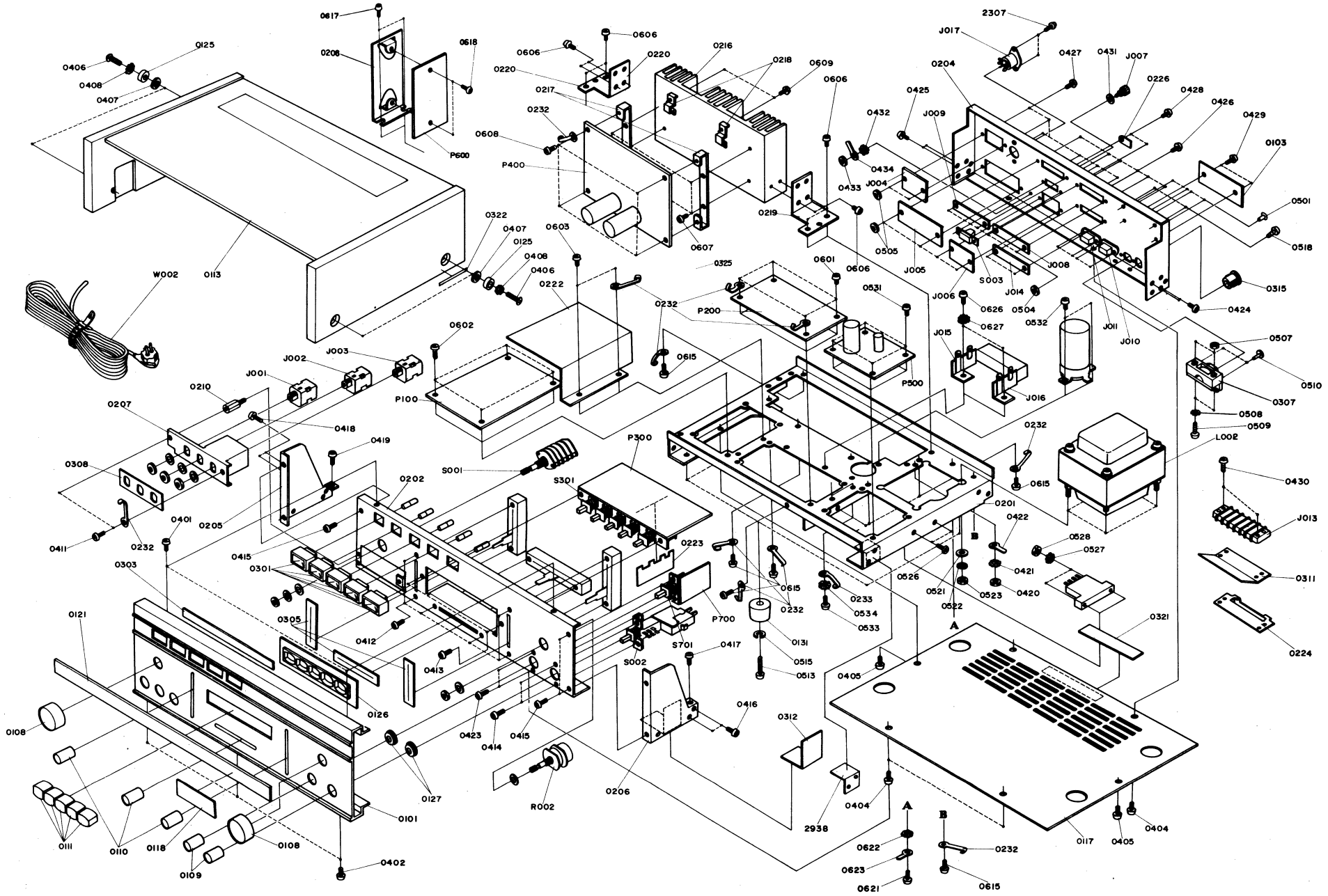


Power Source Block P500

SCHEMATIC DIAGRAM



EXPLODED DIAGRAM OF THE MECHANISM



PARTS LIST

REF. DESIG.	PART NO.	DESCRIPTION
P100	YD2872001	P.W.B., Equalizer
	ZZ2872001	P.W.B. Assembly
		SEMICONDUCTORS
H101	HT313271T	Transistor, 2SC1327-T
H102	HT313271T	Transistor, 2SC1327-T
H103	HT313271T	Transistor, 2SC1327-T
H104	HT313271T	Transistor, 2SC1327-T
		RESISTORS
		All resistors are ±5% and ¼W.
R101	RT0568314	68KΩ
R102	RT0568314	68KΩ
R103	RT0522214	2.2KΩ
R104	RT0522214	2.2KΩ
R105	RN0527414	270KΩ Noise Less
R106	RN0527414	270KΩ Noise Less
R107	RT0510214	1KΩ
R108	RT0510214	1KΩ
R109	RN0522414	220KΩ Noise Less
R110	RN0522414	220KΩ Noise Less
R111	RT0518314	18KΩ
R112	RT0518314	18KΩ
R113	RT0522214	2.2KΩ
R114	RT0522214	2.2KΩ
R115	RT0568114	680Ω
R116	RT0568114	680Ω
R117	RT0510414	100KΩ
R118	RT0510414	100KΩ
R119	RT0556314	56KΩ
R120	RT0556314	56KΩ
R121	RT0556414	560KΩ
R122	RT0556414	560KΩ
R123	RT0547314	47KΩ
R124	RT0547314	47KΩ
R125	RT0582114	820Ω
		CAPACITORS
C101	EV2250251	Tantal, 2.2μF, 25WV
C102	EV2250251	Tantal, 2.2μF, 25WV
C103	DD1105001	Ceramic, 5PF±0.5PF, 25V
C104	DD1105001	Ceramic, 5PF±0.5PF, 25V
C105	DD1630001	Ceramic, 30PF ± 10%, 50V
C106	DD1630001	Ceramic, 30PF ± 10%, 50V
C107	EA4760109	Electroly, 47μF, 10WV
C108	EA4760109	Electroly, 47μF, 10WV
C109	EE1050501	Electroly, 1μF, 50WV
C110	EE1050501	Electroly, 1μF, 50WV
C111	EE3350501	Electroly, 3.3μF, 50WV
C112	EE3350501	Electroly, 3.3μF, 50WV
C113	DD1620101	Electroly, 200PF±10%, 50V
C114	DD1620101	Electroly, 200PF±10%, 50V
C115	DF1556205	Film, 5600PF±5%, 50V
C116	DF1556205	Film, 5600PF±5%, 50V
C117	DF1515205	Film, 1500PF±5%, 50V
C118	DF1515205	Film, 1500PF±5%, 50V
C119	EA2270359	Electroly, 220μF, 35WV
		MISCELLANEOUS
J101	YP1000099	Plug
J102	YP1000099	Plug
J103	YP1000099	Plug
J104	YP1000099	Plug
J105	YP1000099	Plug
J106	YP1000099	Plug
J107	YP1000099	Plug
J108	YP1000099	Plug

REF. DESIG.	PART NO.	DESCRIPTION
J109	YP1000099	Plug
J110	YP1000099	Plug
J111	YP1000099	Plug
J112	YP1000099	Plug
J113	YP1000099	Plug
J114	YP1000099	Plug
J115	YP1000099	Plug
P200	YD2872002	P.W.B. Tone Control
	ZZ2872002	P.W.B. Assembly
		SEMICONDUCTORS
H201	HT313271T	Transistor, 2SC1327-T
H202	HT313271T	Transistor, 2SC1327-T
H203	HT313271T	Transistor, 2SC1327-T
H204	HT313271T	Transistor, 2SC1327-T
H205	HT313271T	Transistor, 2SC1327-T
H206	HT313271T	Transistor, 2SC1327-T
		RESISTORS
		All resistors are ±5% and ¼W.
R201	RT0510214	1KΩ
R202	RT0510214	1KΩ
R203	RN0510414	100KΩ Noise Less
R204	RN0510414	100KΩ Noise Less
R205	RT0527214	2.7KΩ
R206	RT0527214	2.7KΩ
R207	RN0568414	680KΩ Noise Less
R208	RN0568414	680KΩ Noise Less
R209	RT0515314	15KΩ
R210	RT0515314	15KΩ
R211	RT0568214	6.8KΩ
R212	RT0568214	6.8KΩ
R213	RT0582114	820Ω
R214	RT0582114	820Ω
R215	RT0522414	220KΩ
R216	RT0522414	220KΩ
R217	RT0533314	33KΩ
R218	RT0533314	33KΩ
R219	RT0568214	6.8KΩ
R220	RT0568214	6.8KΩ
R221	RT0515214	1.5KΩ
R222	RT0515214	1.5KΩ
R223	RT0547314	47KΩ
R224	RT0547314	47KΩ
R225	RT0547214	4.7KΩ
R226	RT0547214	4.7KΩ
R227	RT0547214	4.7KΩ
R228	RT0547214	4.7KΩ
R229	RT0510314	10KΩ
R230	RT0510314	10KΩ
R231	RT0527214	2.7KΩ
R232	RT0527214	2.7KΩ
R233	RT0547114	470Ω
		CAPACITORS
C201	EE3350501	Electroly, 3.3μF, 50WV
C202	EE3350501	Electroly, 3.3μF, 50WV
C203	DD1650001	Ceramic, 50PF ± 10%, 50V
C204	DD1650001	Ceramic, 50PF ± 10%, 50V
C205	EA1060359	Electroly, 10μF, 35WV
C206	EA1060359	Electroly, 10μF, 35WV
C207	EA4760109	Electroly, 47μF, 10WV
C208	EA4760109	Electroly, 47μF, 10WV
C209	EA1060359	Electroly, 10μF, 35WV
C210	EA1060359	Electroly, 10μF, 35WV

REF. DESIG.	PART NO.	DESCRIPTION
C211	EA4750359	Electroly, 4.7μF, 35WV
C212	EA4750359	Electroly, 4.7μF, 35WV
C213	EA1060359	Electroly, 10μF, 35WV
C214	EA1060359	Electroly, 10μF, 35WV
C215	EA4750359	Electroly, 4.7μF, 35WV
C216	EA4750359	Electroly, 4.7μF, 35WV
C217	DF1610401	Film, 0.1μF ± 10%, 50V
C218	DF1610401	Film, 0.1μF ± 10%, 50V
C219	DF1610401	Film, 0.1μF ± 10%, 50V
C220	DF1610401	Film, 0.1μF ± 10%, 50V
C221	DF1622205	Film, 0.0022μF ± 10%, 50V
C222	DF1622205	Film, 0.0022μF ± 10%, 50V
C223	EA1070359	Electroly, 100μF, 35WV
C225	DD1210001	Ceramic, 10PF ± 1PF, 50V
C226	DD1210001	Ceramic, 10PF ± 1PF, 50V
C227	EA4760109	Ceramic, 47μF, 10WV
C228	EA4760109	Ceramic, 47μF, 10WV
		MISCELLANEOUS
J201	YP1000099	Plug
J202	YP1000099	Plug
J203	YP1000099	Plug
J204	YP1000099	Plug
J205	YP1000099	Plug
J206	YP1000099	Plug
J207	YP1000099	Plug
J208	YP1000099	Plug
J209	YP1000099	Plug
J210	YP1000099	Plug
J211	YP1000099	Plug
J212	YP1000099	Plug
J213	YP1000099	Plug
J214	YP1000099	Plug
J215	YP1000099	Plug
J216	YP1000099	Plug
J217	YP1000099	Plug
J218	YP1000099	Plug
J219	YP1000099	Plug
J220	YP1000099	Plug
J221	YP1000099	Plug
J222	YP1000099	Plug
P400	YD2872004	P.W.B., Power Amp.
	ZZ2872004	P.W.B. Assembly
		SEMICONDUCTORS
H401	HT313271T	Transistor, 2SC1327-T
H402	HT313271T	Transistor, 2SC1327-T
H403	HT313841F	Transistor, 2SC1384-Q
H404	HT313841F	Transistor, 2SC1384-Q
H411	HT308281C	Transistor, 2SC828-R
H412	HT308281C	Transistor, 2SC828-R
H413	HT105641C	Transistor, 2SA564-R
H414	HT105641C	Transistor, 2SA564-R
H415	HT313841F	Transistor, 2SC1384-Q
H416	HT313841F	Transistor, 2SC1384-Q
H417	HT106841F	Transistor, 2SA684-Q
H418	HT106841F	Transistor, 2SA684-Q
H405	HV0000705	Varistor, S3016-R
H406	HV0000705	Varistor, S3016-R
H407	HD1000105	Diode, 1N60
H408	HD1000105	Diode, 1N60
H409	HD1000105	Diode, 1N60
H410	HD1000105	Diode, 1N60

REF. DESIG.	PART NO.	DESCRIPTION
		RESISTORS
		All resistors are ±5% and ¼W, unless otherwise indicated.
R401	RT0510414	100KΩ
R402	RT0510414	100KΩ
R403	RT0522214	2.2KΩ
R404	RT0522214	2.2KΩ
R405	RT0510514	1MΩ
R406	RT0510514	1MΩ
R407	RT0582314	82KΩ
R408	RT0582314	82KΩ
R409	RT0556214	5.6KΩ
R410	RT0556214	5.6KΩ
R411	RT0518114	180Ω
R412	RT0518114	180Ω
R413	RT0568314	68KΩ
R414	RT0568314	68KΩ
R415	RT0510314	10KΩ
R416	RT0510314	10KΩ
R417	RA0104017	Trimming, 100KΩ VR
R418	RA0104017	Trimming, 100KΩ VR
R419	RA0501011	Trimming, 500Ω VR
R420	RA0501011	Trimming, 500Ω VR
R421	RT0512114	120Ω
R422	RT0512114	120Ω
R423	RT0510314	10KΩ
R424	RT0510314	10KΩ
R425	RT0518214	1.8KΩ
R426	RT0518214	1.8KΩ
R427	RT0527214	2.7KΩ
R428	RT0527214	2.7KΩ
R429	RT0510314	10KΩ
R430	RT0510314	10KΩ
R431	RT0533314	33KΩ
R432	RT0533314	33KΩ
R433	RT0539114	390Ω
R434	RT0539114	390Ω
R435	RT0539114	390Ω
R436	RT0539114	390Ω
R437	RT0533314	33KΩ
R438	RT0533314	33KΩ
R439	RT0568114	680Ω
R440	RT0568114	680Ω
R441	RT0568114	680Ω
R442	RT0568114	680Ω
R443	RW1000503	0.5Ω ± 10%, 3W
R444	RW1000503	0.5Ω ± 10%, 3W
R445	RW1000503	0.5Ω ± 10%, 3W
R446	RW1000503	0.5Ω ± 10%, 3W
R447	GF0522014	22Ω
R448	GF0522014	22Ω
R449	GF0522114	220Ω
R450	GF0522114	220Ω
R451	GF0522114	220Ω
R452	GF0522114	220Ω
R453	GF0522014	22Ω
R454	GF0522014	22Ω
R455	RT0556214	5.6KΩ
R456	RT0556214	5.6KΩ
R457	RT0512314	12KΩ
R458	RT0512314	12KΩ
R459	RC1010012	10Ω ± 10%, ½W
R460	RC1010012	10Ω ± 10%, ½W

REF. DESIG.	PART NO.	DESCRIPTION
R461	RJ1012101	120Ω ±10%, 1W
R462	RJ1012101	120Ω ±10%, 1W
R463	RC1056012	56Ω ± 10%, ½W
R464	RC1056012	56Ω ± 10%, ½W
		CAPACITORS
C401	EV2250251	Tantal, 2.2μF, 25WV
C402	EV2250251	Tantal, 2.2μF, 25WV
C403	EA1060359	Electroly, 10μF, 35WV
C404	EA1060359	Electroly, 10μF, 35WV
C405	DD1650001	Ceramic, 50PF ± 10%, 50V
C406	DD1650001	Ceramic, 50PF ± 10%, 50V
C407	EA4760509	Electroly, 47μF, 50WV
C408	EA4760509	Electroly, 47μF, 50WV
C409	EA1070109	Electroly, 100μF, 10WV
C410	EA1070109	Electroly, 100μF, 10WV
C411	EA4760509	Electroly, 47μF, 50WV
C412	EA4760509	Electroly, 47μF, 50WV
C413	EA4760509	Electroly, 47μF, 50WV
C414	EA4760509	Electroly, 47μF, 50WV
C415	DD1650001	Ceramic, 50PF ± 10%, 50V
C416	DD1650001	Ceramic, 50PF ± 10%, 50V
C417	DD1650001	Ceramic, 50PF ± 10%, 50V
C418	DD1650001	Ceramic, 50PF ± 10%, 50V
C419	DD1620101	Ceramic, 200PF±10%, 50V
C420	DD1620101	Ceramic, 200PF±10%, 50V
C421	EC1080353	Electroly, 1000μF, 35WV
C422	EC1080353	Electroly, 1000μF, 35WV
C423	DD1620101	Ceramic, 200PF±10%, 50V
C424	DD1620101	Ceramic, 200PF±10%, 50V
C425	DF1610405	Film, 0.1μF ± 10%, 50V
C426	DF1610405	Film, 0.1μF ± 10%, 50V
C427	EA1070259	Electroly, 100μF, 25V
C428	EA1070259	Electroly, 100μF, 25V
C429	DD1630001	Ceramic, 30PF ± 10%, 50V
C430	DD1630001	Ceramic, 30PF ± 10%, 50V
		MISCELLANEOUS
J401	YP1000099	Plug
J402	YP1000099	Plug
J403	YP1000099	Plug
J404	YP1000099	Plug
J405	YP1000099	Plug
J406	YP1000099	Plug
J407	YP1000099	Plug
J408	YP1000099	Plug
J409	YP1000099	Plug
J410	YP1000099	Plug
J411	YP1000099	Plug
J412	YP1000099	Plug
J413	YP1000099	Plug
J414	YP1000099	Plug
J415	YP1000099	Plug
J416	YP1000099	Plug
J417	YP1000099	Plug
J418	YP1000099	Plug
J419	YP1000099	Plug
J420	YP1000099	Plug
J421	YP1000099	Plug
J422	YP1000099	Plug
J423	YP1000099	Plug
J424	YP1000099	Plug
J425	YP1000099	Plug
J426	YP1000099	Plug
0216	287226701	Heat Sink
0217	286716002	Bracket x 2
0218	282026702	Heat Sink x 2

REF. DESIG.	PART NO.	DESCRIPTION
0219	282916002	Bracket
0220	282916003	Bracket
0606	51570306B	P Tapt Screw x 4
0607	51570306B	P Tapt Screw x 4
0608	51100305A	B.H.M: Screw x 4
0609	51100308A	B.H.M. Screw x 2
0232	138200503	Clamper
		SEMICONDUCTORS
H001	HV0000212	Varistor, SV-3A
H002	HV0000212	Varistor, SV-3A
H003	HT403152B	Transistor, 2SD315CD
H004	HT403152B	Transistor, 2SD315CD
H005	HT403152B	Transistor, 2SD315CD
H006	HT403152B	Transistor, 2SD315CD
P500	YD2872005	P.W.B., Power Supply
	ZZ2872005	P.W.B. Assembly
		MISCELLANEOUS
H501	HT313841R	Transistor, 2SC1384-R
H502	HD3000213	Zenner Diode, EQA01-35R
R501	RC1010112	Resistor, 100Ω ± 10%, ½W
R502	RT0522214	Resistor, 2.2KΩ ± 10%, ¼W
C501	EA3370509	Electroly Cap. 330μF, 50WV
C502	EA1070359	Electroly Cap. 100μF, 35WV
J501	YP1000099	Plug
J502	YP1000099	Plug
J503	YP1000099	Plug
A	287216040	Bracket Assembly
0202	287216001	Bracket
0301	287225901	Bush x 5
0205	287216004	Bracket
0206	287216005	Bracket
0210	287210101	Support
0411	51100305A	B.H.M. Screw x 2
0423	51100305A	B.H.M. Screw x 2
0412	51100305A	B.H.M. Screw x 6
0413	51100305A	B.H.M. Screw x 2
0414	51100305A	B.H.M. Screw x 2
0415	51100305A	B.H.M. Screw x 3
0237	138200503	Clamper
0312	287212001	Insulator
R001	RS0504001	Variable Resist., 500KΩ HB
P300	YD2872003	P.W.B., Switch
	ZZ2872003	P.W.B. Assembly
		MISCELLANEOUS
R301	RT0522214	Resistor, 2.2KΩ ± 5%, ¼W
R302	RT0522214	Resistor, 2.2KΩ ± 5%, ¼W
S301	SP0605005	Push Switch, SP, MONO, TAPE
J301	YP1000099	Plug
J302	YP1000099	Plug
J303	YP1000099	Plug
J304	YP1000099	Plug
J305	YP1000099	Plug

REF. DESIG.	PART NO.	DESCRIPTION
J306	YP1000099	Plug
0223	281810904	Shield
P700	YD2872007	P.W.B. Loudness
	ZZ2872007	P.W.B. Assembly
		MISCELLANEOUS
S701	SP0201009	Push Switch, Loudness Switch
R701	RT0527314	Resistor, 27KΩ ±5%, ¼W
R702	RT0527314	Resistor, 27KΩ ±5%, ¼W
R703	RT0556314	Resistor, 56KΩ ±5%, ¼W
R704	RT0556314	Resistor, 56KΩ ±5%, ¼W
C701	DF1612305	Film Cap., 0.012μF ±10%, 50V
C702	DF1612305	Film Cap., 0.012μF ±10%, 50V
C703	DD1530101	Ceramic Cap., 300PF ±5%, 50V
C704	DD1530101	Ceramic Cap., 300PF ±5%, 50V
J701	YP1000099	Plug
J702	YP1000099	Plug
J703	YP1000099	Plug
J704	YP1000099	Plug
R003	RS0503015	Variable Resist., 50KΩ
R004	RS0503015	Variable Resist., 50KΩ
0207	287216006	Bracket
J001	YJ0100081	Jack, Head Phone
J002	YJ0100082	Jack, Mic
J003	YJ0100082	Jack, Mic
S002	SP0301002	Push Switch, Power
R002	RM0254024	Variable Resist., 250KΩ B
S001	SR0905003	Rotary Switch, Selector
M001	IN1008032	Lamp, Function Ind.
M002	IN1008032	Lamp, Function Ind.
M003	IN1008032	Lamp, Function Ind.
M004	IN1008032	Lamp, Function Ind.
M005	IN1008032	Lamp, Function Ind.
B	287216042	Bracket Assembly
0204	287216003	Bracket
0501	55060365S	T.R. Rivet x 4
J010	YJ0400018	Socket
J011	YJ0400018	Socket
0226	287211401	Stopper, Inter Coupled
0307	282125901	Bush, AC Cord
0315	284906702	Cap
0430	51100305S	B.H.M. Screw x 2
0434	62041760W	Lug, Ground
0426	51100308S	B.H.M. Screw, SPK Term. x 6
0427	51100308S	B.H.M. Screw, RCA Pin x 6
0428	51100305S	B.H.M. Screw, Inter Coupled x 2
0431	54020401E	Flat Washer P. Ground
0432	54050400R	T.L. Washer OR, Ground
0433	53110403A	Hexagon Nut, Ground
0504	53110303A	Hexagon Nut, SPK Term. x 6
0505	53110303A	Hexagon Nut, SPK Term. x 6
0507	53110303A	Hexagon Nut, x 2

REF. DESIG.	PART NO.	DESCRIPTION
0508	54050300R	T.L. Washer OR x 2
0509	51060316A	P.H.M. Screw x 2
0510	55060305S	T.R. Rivet x 2
2307	51570306B	P. Tapt Screw x 2
C001	DK1710301	Ceramic Cap., 0.01μF ±20%, 50V
C002	DK1710301	Ceramic Cap., 0.01μF ±20%, 50V
J007	YL0301021	Terminal Ground
C004	DF1722380	Film Cap., 0.022μF ±20%, 1kV
S003	SS0202017	Slide Switch, Inter Coupled
J004	YT0204003	Terminal, TAPE, PB/REC
J005	YT0208002	Terminal, TUNER, TAPE, PHONO, AUX
J006	YT0204003	Terminal, PRE OUT, MAIN IN
J008	YT0304002	Terminal, MAIN SPK.
J009	YT0304002	Terminal, REMOTE SPK.
J017	YJ1100001	Socket
J014	YT0304002	Terminal, QUADRA SPK.
W002	YC0190003	AC Cord
R006	RT0527414	Resistor 270KΩ ±5% ¼W
R007	RT0527414	Resistor 270KΩ ±5% ¼W
R008	RT0518414	Resistor 180KΩ ±5% ¼W
R009	RT0518414	Resistor 180KΩ ±5% ¼W
H007	HD2001510	Diode, 5B-1
R005	GS1010015	Resistor, 10Ω ±10% 15W
0236	138200503	Clamper x 12
W006	YW2872001	Wire Material
W008	YX2872001	Wire Material
W009	YW2872003	Wire Material
C	287206340	Front Panel Assembly
0101	287206301	Escutcheon
0118	287625150	Badge K
0121	287215801	Window
0126	287225905	Bush
0127	281825905	Bush x 2
0303	287205302	Cover
0305	287210701	Sheet x 3
P600	YD2872006	P.W.B., Fuse
	ZZ2872806	P.W.B., Assembly
		MISCELLANEOUS
J601	YJ0800020	Terminal
J602	YJ0800020	Terminal
J603	YJ0800020	Terminal
J604	YJ0800020	Terminal
J605	YP1000099	Terminal
J606	YP1000099	Terminal
J607	YP1000099	Terminal
J608	YP1000099	Terminal
J013	YL0606004	Terminal
W003	YB0027001	Connective Card
W004	YB0007001	Connective Cord
W005	YB0007001	Connective Cord
0208	287216007	Bracket
0618	51100305A	B.H.M. Screw x 2
0201	282810502	Chassis
0131	287205701	Leg x 4
0222	282910901	Shield
0233	282100501	Clamper
0224	281816006	Bracket
0311	286412001	Insulator
0416	51100305A	B.H.M. Screw x 2
0417	51570305B	P. Tapt Screw

REF. DESIG.	PART NO.	DESCRIPTION
0418	51100305A	B.H.M. Screw x 2
0419	51570305B	P. Tapt Screw
0424	51100305A	B.H.M. Screw x 2
0425	51100305A	B.H.M. Screw x 2
0513	51060418A	P.H.M. Screw x 4
0515	54040402A	Spring Washer x 4
0518	51100312A	B.H.M. Screw x 2
0521	54020401A	Flat Washer P x 4
0522	54040402A	Spring Washer x 4
0523	53110403A	Hexagon Nut x 4
0526	51100312A	B.H.M. Screw x 2
0527	54050300R	T. L. Washer OR x 2
0528	53110303A	Hexagon Nut x 2
0531	51570306B	P. Tapt Screw x 4
0532	51570306B	P. Tapt Screw x 2
0533	51570408B	P. Tapt Screw
0534	54050400R	T.L. Washer OR
0601	51570306B	P. Tapt Screw x 4
0602	51570306B	P. Tapt Screw x 4
0603	51570306B	P. Tapt Screw x 2
0636	51570306B	P. Tapt Screw x 4
0615	51570306B	P. Tapt Screw x 8
0617	51570306B	P. Tapt Screw x 2
0621	51570305B	P. Tapt Screw
0622	54050300R	T.L. Washer OR
0623	62031650W	Lug
0626	51570305B	P. Tapt Screw x 2
0627	54050300R	T.L. Washer OR x 2
0420	51570305B	P. Tapt Screw
0421	54050300R	T.L. Washer OR
0422	62031650W	Lug
2938	287212002	Insulator
F601	FS2060001	Fuse, 6A
F602	FS2010001	Fuse, 1A
L002	TS1860201	Power Transf.
C003	EC3080552	Electroly Cap., 3000μF $^{+100}_{-10}$% 55V
J015	YL0102003	Terminal
J016	YL0102003	Terminal
0108	287615402	Knob, SELECTOR, VOL x 2
0109	287615409	Knob, POWER, LOUDNESS x 2
0110	287615410	Knob, BALANCE, BASS, TREBLE x 3
0111	287227001	Button, Push Switch x 5

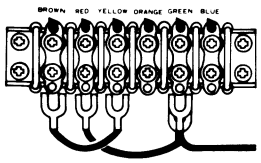
REF. DESIG.	PART NO.	DESCRIPTION
D	287206440	Case Assembly
0113	287206450	Case K
0322	287286102	Label
0125	287225902	Bush x 4
0308	287210702	Sheet
0401	51040305A	F.H.M. Screw x 2
0402	51100305A	B.H.M. Screw x 3
0404	51100305S	B.H.M. Screw x 4
0405	51100405S	B.H.M. Screw x 2
0406	51120418S	T.H.M. Screw x 4
0408	54050400R	T.L. Washer OR x 4
0429	51100305S	B.H.M. Screw x 2
0103	287226502	Indicator
0105	287226503	Indicator
0104	951091101	Label
0407	54020601A	Flat Washer P x 4
E	287225740	Lid Assembly
0117	287225701	Lid
0321	257886101	Label
0711	952301511	Serial No Cord x 4
0701	287285101	Instructions
0703	282885108	Instructions
0704	287685103	Instructions
0705	287285601	Schematic Diagram
0713	901383033	Polyethy Bag
0714	901183001	Polyethy Bag
0718	102980401	Sleeve
0721	273182101	Silicagel
0723	287280101	Packing Case
0724	287280102	Packing Case
0725	287280301	Partitioner x 2
0726	287280701	Reinforcement x 2
0728	963000015	Guarantee Card
0730	287681301	Paper Bag

VOLTAGE CONVERSION

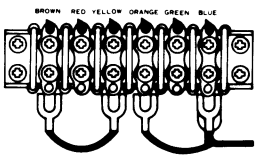
This model is equipped with a universal power transformer to permit operation at 110, 120, 220, 240 Volts AC 50/60 Hz.

To convert the unit to the required voltage, change the jumper wires as illustrated .

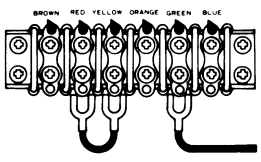
CAUTION: DISCONNECT POWER SUPPLY CORD FROM AC OUTLET BEFORE CONVERTING VOLTAGE.



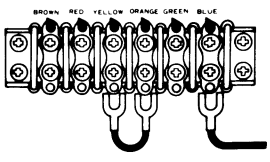
For 110V Operation



For 120V Operation



For 220V Operation



For 240V Operation

Voltage conversion Chart